

product information

NO. 472

NO. 472 BLACK HEAVY DUTY PLASTIC FILM

DPM 5470

DESCRIPTION: A thick black vinyl plastic film with a pigmented rubber blend adhesive. Designed for abrasion protection, outdoor, and is best overall general purpose vinyl tape.

CONSTRUCTION:

Backing: Black vinyl plastic
Adhesive: Pigmented blend of rubbers
Color: Black
Roll Length: 36 yards (33m)
Maximum Width: 35 inches (875mm)

AVERAGE PHYSICAL PROPERTIES: (Fed. Std. 147) Not Recommended for Specification Purposes

Adhesion to Steel: 30 oz./in. width (33 N/100mm)
Adhesion to Backing: 40 oz./in. width (44 N/100mm)
Tensile Strength: 25 lbs./in. width (438 N/100mm)
Backing Thickness: 8 mils (.2mm)
Tape Thickness: 10 mils (.25mm)
Elongation at Break: 250%
Water Vapor Transmission
Rate: 2g H₂O/100 sq. in./24 hrs. (31g/m² . 24h)

APPLICATION CONDITIONS:

Best results achieved when applied to clean, dry surface. Has instant adhesion qualities even below 32°F (0°C).

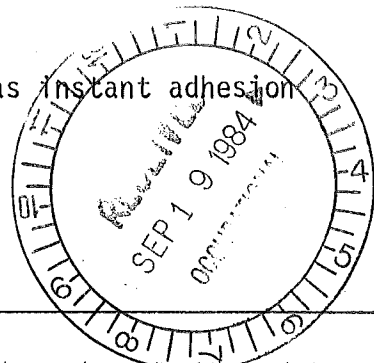
GENERAL INFORMATION:

1. Thick backing ideal where heavy abrasion is anticipated.

IMPORTANT NOTICE TO PURCHASER: Tapes identified with a "Y" number are not standard, and, therefore, may be subject to modification, production limitations or cancellation by the manufacturer.

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, express or implied: Seller's and manufacturer's

only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.



P-GD-472 (1/76)

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Industrial Tape Division **3M**
COMPANY

LITHO IN U.S.A.

BOE-C6-0202861

NO. 472 BLACK HEAVY DUTY PLASTIC FILMGENERAL INFORMATION: (Cont'd.)

2. Special adhesive gives instant adhesion qualities even below 32°F (0°C).
3. Has proven its ability to withstand 3 years exposure to semi-tropic conditions and remove cleanly.
4. Best all around general purpose tape.
5. Fairly good resistance to plasticizer migration.
6. Excellent conformability and handling qualities considering its thicker backing.
7. Begins to soften at 225°F (107°C).
8. Poor resistance to ketones, chlorinated hydrocarbons, and esters.
9. This adhesive will stain most plastic and painted surfaces.

POSSIBLE USES:

Heavy duty protection under wide
variety of conditions

Splicing and patching

Outdoor applications

Electroplating

Dissimilar metal separation

Sealing barrier films and containers

Protect metal from corrosion (above
or below ground)

MAJOR INDUSTRIES AND SIC CODES:

General contractors - 1542
Plastic film - 3079

Protection

Electroplating - 3471

Transparent vessels - 3731
Building - 1542

3079

1623

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NO. 472 BLACK HEAVY DUTY PLASTIC FILMFEATURESHeavy duty plastic
backingSpecial rubber
adhesiveADVANTAGES

Abrasion resistant

Surprisingly conformable

Strong

Chemical and outdoor
resistantInstant adhesion
qualitiesGood plasticizer
migration resistanceBENEFITSProvides ultimate
protectionExcellent for preservation
protection and sealingGood for splicing and
patching repairs

Better application life

Less application effort
even at 32°F (0°C)Longer potential
application life